

Summary of VA & DOD TBI Model Systems & I-MAP Activities

(Current as of 01-17-18)

Peer-Reviewed Scientific Publications

22	Published and In-progress	14	In Progress
3	Under Review	25	Published Abstracts

Special Issues in Journals

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|---|---|
| 2 | Published |
| | <ul style="list-style-type: none">• Journal of Head Trauma and Rehabilitation (Published March 2016; Sleep and TBI; R Nakase-Richardson, Ph.D., Editor)• JHTR TBI SOTA-themed issue featuring VA TBIMS studies (Published July 2017; R Nakase-Richardson, Ph.D., & L. Stevens, Ph.D. Editors) |
| 2 | In Progress |
| | <ul style="list-style-type: none">• Archives of Physical Medicine and Rehabilitation (Community Reintegration Among Veterans with Polytrauma; T. Dillahunty-Aspillaga, Ph.D. & Gail Powell-Cope, Ph.D., Editors)• Brain Injury Professional (Invited, 2018 publication date; R. Nakase-Richardson, Ph.D. Editor) |

Conference Presentations:

100	Completed in 2015 - 2017	14	Under Review
7	Pending Presentation		

Awards

- 2017 Brain Injury ISIG Early Career Poster Award, American Congress of Rehabilitation Medicine
- 2017 Military and Veteran Affairs Networking Group Early Career Poster Award, American Congress of Rehabilitation Medicine
- 2016 Military and Veteran Networking Group Overall Best Poster Award, American Congress of Rehabilitation Medicine
- 2016 Military and Veteran Networking Group Early Career Research Poster Award, American Congress of Rehabilitation Medicine
- 2016 Blue Ribbon Award for Best Research Submission, American Psychological Association
- 2015 Military and Veteran Networking Group Early Career Research Poster Award, American Congress of Rehabilitation Medicine
- 2015 Southern Sleep Society, Founder's Award

Grants (To Fund Next Steps/Translation)

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|---|--|
| 3 | Funded/Invited |
| | <ul style="list-style-type: none">• Sleep EEG Predictors of Outcome (VA RR&D)• Quality of Life in Caregivers of Traumatic Brain Injury: The TBI-CareQOL (NIH)• Comparative Effectiveness of Sleep Apnea Screening and Diagnostics in TBI (PCORI) |
| 5 | Submitted |
| | <ul style="list-style-type: none">• Natural History of Sleep Apnea Following TBI (NIH R01)• Coalition Building to Implement Evidenced Based Resource Facilitation and Increase Access to Community Support Services for Veterans with TBI (VA HSR&D) – Resubmission in Progress• Effect of Tobacco Use on Cognitive Recovery after Traumatic Brain Injury (VA HSR&D)• Prevalence and Effective Treatment Strategies for Complex TBI with Chronic Pain (Department of Defense, Psychological Health/Traumatic Brain Injury Research Program, Complex TBI Rehabilitation Research Award)• The contribution of moderate alcohol use after a TBI on long-term mental health outcomes (NIH) |

Peer-Reviewed Manuscripts

Under Review

Brown RM, Tang X, Dreer L, Driver S, Pugh MJ, Martin AM, McKenzie-Hartman T, Shea T, Silva MA, Nakase-Richardson R. Trajectory of body mass index within the first-year post-injury: A VA TBI Model System Study. Under Review

Silva M, Belanger H, Dams-O'Connor K, Tang X, McKenzie-Hartman T, Nakase-Richardson R. Prevalence and predictors of tobacco smoking in Veterans and Service Members following traumatic brain injury: a VA TBIMS Study. Under Review

In Press or Epub Ahead of Print:

Ropacki S, Nakase-Richardson R, Farrell-Carnahan L, Lamberty GJ, Tang X. Descriptive findings of the VA Polytrauma Rehabilitation Centers TBI Model Systems National Database. *Arch Phys Med Rehabil*. In press.

Finn JA, Lamberty GJ, Stevens L, Kretzmer T, Brenner L. Post-rehabilitation mental health treatment-seeking in veterans with traumatic brain injury: A VA TBI Model Systems study. *J Head Trauma Rehabil*. In press.

Shah S, Mohamadpour M, Askin G, Nakase-Richardson R, Stokic DS, Sherer M, Yablon SA, Schiff ND. Parieto-occipital delta alpha spectral power in electroencephalogram indexes post-traumatic confusion and predicts recovery after traumatic brain injury. *J Neurotrauma*, 2017 May 2. doi: 10.1089/neu.2016.4911. [Epub ahead of print]. PMID: 28462682.

Published:

Dreer LE, Tang X, Nakase-Richardson R, Pugh MJ, Cox MK, Bailey E, Finn J, Zafonte R, Brenner LA. Suicide and traumatic brain injury: a review by clinical researchers from the National Institute for Disability and Independent Living Rehabilitation Research (NIDILRR) and Veterans Health Administration Traumatic Brain Injury Model Systems. *Curr Opin Psychol*. 2017; 22C (2018); 73-78. doi: 10.1016/j.copsyc.2017.08.030. PMID: 28963946.

Nakase-Richardson R & Stevens LF. Informing the Needs of Veterans and Service Members with TBI and Their Families: Leveraging the VA TBI Model System Program of Research. *J Head Trauma Rehabil*, 2017; 32(4): 215-218. doi: 10.1097/HTR.0000000000000336.PMID 28678116.

Dillahunt-Aspillaga C, Nakase-Richardson R, Hart T, Powell-Cope G, Dreer LE, Eapen BC, Barnett SD, Mellick DA, Haskin A, Silva MA. Predictors of employment outcomes in Veterans with traumatic brain injury: A VA TBI model system study. *J Head Trauma and Rehabil*. 2017; 32(4): 271-282. doi: 10.1097/HTR.0000000000000275. PMID: 28060203

Dillahunt-Aspillaga C, Pugh M, Cotner B, Silva M, Haskin A, Tang X, Saylors M, Nakase-Richardson R. Employment Stability in Veterans and Service Members with Traumatic Brain Injury: A VA Traumatic Brain Injury Model Systems Study. *Phys Med Rehabil*, 2017; 32(4): 271-282. doi: 10.1097/HTR.0000000000000275. PMID 28629990

Nakase-Richardson R, Stevens LF, Tang X, Lamberty G, Sherer M, Walker WC, Pugh MJ, Eapen BC, Finn JA, Saylors M, Dillahun-Aspillaga C, Adams RS, Garafano J. Comparison of the VA and NIDILRR TBI Model System Cohorts. *J Head Trauma Rehabil*, 2017; 32(4): 221-233. doi: 10.1097/HTR.0000000000000334. PMID 28678118.

Stevens LF, Lapis Y, Tang X, Sander AM, Dreer LE, Hammond FM, Kreutzer J, O'Neil-Pirozzi TM, Nakase-Richardson R. Relationship stability after traumatic brain injury among veterans and service members: A VA TBI Model Systems study. *J Head Trauma Rehabil*, 2017; 32(4): 234-244. doi: 10.1097/HTR.0000000000000324. PMID: 28520674

Gause LR, Finn JA, Lamberty GJ, Tang X, Stevens LF, Eapen BC, Nakase-Richardson R. Predictors of satisfaction with life in Veterans after traumatic brain injury: A VA TBI Model System study. *J Head Trauma Rehabil*, 2017; 32(4): 255-263. doi: 10.1097/HTR.0000000000000309. PMID: 28520659.

Bailey, EK, Nakase-Richardson R, Patel N, Dillahun-Aspillaga C, Ropacki S, Sander AM, Stevens L, Tang X. Supervision needs following moderate to severe Veteran and Service Member Traumatic Brain Injury: A VA TBIMS Study. *J Head Trauma Rehabil*, 2017; 32(4): 245-254. doi: 10.1097/HTR.0000000000000317. PMID: 28520667.

Tran J, Hammond F, Dams-O'Connor K, Tang X, Eapen B, McCarthy M, Nakase-Richardson R. Rehospitalization in the First Year following Veteran and Service Member TBI: A VA TBI Model Systems Study. *J Head Trauma Rehabil*, 2017; 32(4): 264-270. doi: 10.1097/HTR.0000000000000296. PMID: 28195958.

Nakase-Richardson R, & Whyte, J. International collaboration to advance the science and care for those with severe brain injury and disorder of consciousness. *International Neurotrauma Letter*. 2016. www.internationalbrain.org/international-collaboration-to-advance-the-science-and-care-for-those-with-severe-brain-injury-doc/.

McGarity S, Barnett S, Lamberty G, Kretzmer T, Powell-Cope G., Patel N., Nakase-Richardson R. A comparison of community reintegration problems among veterans and active duty service members with mild and moderate to severe traumatic brain injury. *J Head Trauma Rehabil*. 2017;32(1):34-45. doi: 10.1097/HTR.0000000000000242. PMID: 27323217

Towns SJ, Zeitzer J, Kamper J, Holcomb E, Silva MA, Schwartz DJ, Nakase-Richardson R. Implementation of actigraphy in acute traumatic brain injury neurorehabilitation admissions: A veterans administration TBI model systems feasibility study. *Phys Med Rehabil*. 2016;8(11):1046-1054. doi: 10.1016/j.pmrj.2016.04.005 PMID: 27178377

Nakase-Richardson R. Improving the Significance and Direction of Sleep Management in TBI. *J Head Trauma Rehabil*. 2016;31(2):79-81. doi: 10.1097/HTR.0000000000000235.

Kamper JE, Garofano J, Schwartz DJ, Silva MA, Zeitzer J, Modarres M, Barnett SD, Nakase-Richardson R. The concordance of actigraphy with polysomnography in TBI Neurorehabilitation Admissions. *J Head Trauma Rehabil*. 2016;31(2):117-125. DOI: 10.1097/HTR.0000000000000215.

Holcomb EM, Towns S, Kamper JE, Barnett SD, Sherer M, Evans C, Nakase-Richardson R. The relationship between sleep-wake cycle disturbance and trajectory of cognitive recovery during acute traumatic brain injury. *J Head Trauma Rehabil.* 2016;31(2):108-116. DOI: 10.1097/HTR.0000000000000206.

Holcomb EM, Schwartz DJ, McCarthy M, Thomas B, Barnett SD, Nakase-Richardson R. Incidence, characterization, and predictors of sleep apnea in consecutive brain injury rehabilitation admissions. *J Head Trauma Rehabil.* 2016;31(2):82-100. DOI: 10.1097/HTR.0000000000000230.

Belanger HG, Silva MA, Donnell AJ, Mckenzie-Hartman T, Lamberty GJ, Vanderploeg RD. Utility of the Neurobehavioral Symptom Inventory as an outcome measure: A VA TBI Model Systems Study. *J Head Trauma Rehabil.* 2017; 32(1):46-54. DOI: 10.1097/HTR.0000000000000208.

Farrell-Carnahan L, Barnett S, Lamberty G, Hammond F, Kretzmer TS, Franke LM, Geiss M, Howe L, Nakase-Richardson, R. Insomnia symptoms and behavioral health symptoms in veterans 1 year after traumatic brain injury. *Brain Inj.* 2015;29(12):1400-8. DOI: 10.3109/02699052.2015.1063161.

Lamberty GJ, Nakase-Richardson R, Farrell-Carnahan L, McGarity S, Bidelsbach D, Harrison-Felix C, Cifu DX. Development of a traumatic brain injury model system within the Department of Veterans Affairs Polytrauma System of Care. *J Head Trauma Rehabil.* 2014;29(3):E1-7. DOI: 10.1097/HTR.0b013e31829a64d1.

Notifications In Progress :

1. Dams-O'Connor K, Nakase-Richardson R, Tang X, Ketchum J, et al. Comorbidities and rehabilitation outcomes at 1, 2, and 5 years post-TBI among civilians and military service members: A TBI Model System and VA PRC Study.
2. Miles S, Nakase-Richardson R, Dreer L, Hammond F, Neumann D, Finn J, Eapen B, Smith A, Brenner L, et al., Aggression in Veterans with Traumatic Brain Injury and Posttraumatic Stress Disorder.
3. Adams R, Corrigan J, Tang X, Nakase-Richardson R, Ketchum J, Larson M. Long-term safety of low-risk alcohol use following rehabilitation for traumatic brain injury. (Grant Submission)
4. Benevidas A, Finn JA, Lamberty GL, et al. Psychosocial and functional predictors of depression and anxiety symptoms at two years post-TBI: A VA TBIMS study.
5. Brickell TA, Lange RT, French LM, Cotner BA, O'Connor DR, Nakase-Richardson R, Carlozzi NE. The Influence of Traumatic Brain Injury Severity on Health-Related Quality of Life in Caregivers of a Service Member or Veteran with Traumatic Brain Injury.
6. Cotner BA, Carlozzi N, Lange R, French L, O'Connor DR, Nakase-Richardson R, Brickell T. Influence of comorbidities (PTSD and Bodily Injury) on a caregivers' health- related quality of life.
7. Finn J, O'Neill-Pirozzi T, Dreer L, Pugh MJ, Ropacki S, Kreutzer J, Wells P, Sander A, Stevens L, Niemeier J, Richardson R, Cotner B, Smith A. Post-rehabilitation discharge needs in family members of Veterans with traumatic brain injury: A VA TBI Model Systems study.
8. Hoot M, Stevens LF, Nakase-Richardson R, Tang X. Identifying Risk Factors for Pain and Pain Related Disability in Service Members Exposed to TBI: A VA TBI Model Systems Study.

9. Kisser J, Lamberty, GL, Finn, JA, et al. Post-Traumatic Stress Disorder Symptomatology and Functional Outcomes in Traumatic Brain Injury
10. Lynn C, Silva M, Finn J, Nakase-Richardson R. Development and feasibility of a measurement tool for rehabilitation needs in veterans and service members with chronic TBI.
11. Nakase-Richardson R. Et al. Comorbidity and Outcome: A VA TBI Model System Study
12. Richardson R, Schwartz E, Schwartz D, Holcomb E, Modarres M, Schwarz D, Massengale J. Does Sleep Apnea Predict Outcome in TBI.
13. Richardson R, Whyte J, et al. Ten-Year Outcomes following Catastrophic Brain Injury Among Civilians with TBI.
14. Ropacki S, Harris O. TBI and Amputation: A VA TBI Model System Study
15. Sanchez O, Lamberty, GL, Finn, JA, et al. Racial/Ethnic Disparities and Posttraumatic Distress Post-TBI: A VA TBIMS Study
16. Silva M, Dillahunst-Aspillaga C, Patel N, Garafano JS, Martinez KM, Lynn C, Nakase-Richardson R. Functional outcome and psychiatric symptoms in Military/Veterans returning to school after traumatic brain injury: A VA TBI Model System Study.
17. Snow JC, Miles S., Nakase-Richardson R, et. al. Do PTSD symptoms moderate social support in Veterans with TBI? A VA TBI Model System Study.

Scientific Presentations

2018 4th Federal Interagency Conference on TBI

Symposia

Kreutzer J, Stevens LF, Finn JA. Family stability and family needs post-TBI: A collaboration of VA and NIDILRR TBIMS efforts. Symposium accepted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Lamberty GJ, Brenner LA, Finn JA. Veteran and Service Member mental health post-TBI: Examining data from the VA TBI Model Systems. Symposium accepted to 4th Federal Interagency Conference on TBI; June 2018; Washington, D.C.

Nakase-Richardson R, Bell K, Hoffman J. Advancing sleep research: Two multi-center studies within the TBI Model System Program. Symposium accepted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Nakase-Richardson R, Kowalski R, Hammond F. Extending our knowledge of long-term outcomes after severe TBI: Three DOC TBI Model System studies. Symposium accepted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Sander A, Delgado R, Cotner B, Stevens LF, Livingston S. Caregiving for wounded warriors: Perceptions and quality of life. Symposium accepted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Zeitzer J, Nakase-Richardson R, Gehrman P, Furst A. Sleep-Wake Disturbances after Traumatic Brain Injury. Symposium accepted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Posters/Papers

Bailey E, Nakase-Richardson R, Patel N, Dillahun-Aspillaga C, Drasher-Phillips LM, Ropacki S, Sander AM, Stevens LF, Tang X. Supervision needs following Veteran and Service Member TBI: A VA TBI Model Systems Study. Poster abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Brown RM, Nakase-Richardson R, Silva M, LaRosa K, Gowen MS, Schwartz D, Modarres M. Sleep apnea and BMI trajectory: A VA TBI Model Systems study. Poster abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Cotner BA, O'Connor DR, Silva MA, Dillahun-Aspillaga C, Brown RM, Nakase-Richardson R. Veteran and Service Members' access to rehabilitation services: Preliminary qualitative results. Poster abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Dillahun-Aspillaga C, Pugh MJ, Cotner B, Silva MA, Tang X, Gowen MS, Nakase-Richardson, R. Employment stability in Veterans with TBI: A VA TBIMS study. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Drasher-Phillips LM, Schwartz DJ, Calero K, Silva MA, LaRosa K, Nakase-Richardson, R. CPAP compliance in a VA TBI Model System Cohort: A feasibility study. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Ricketti P, Schwartz DJ, Calero K, Anderson W, Diaz-Sein C, Drasher-Phillips LM, O'Connor D, Rechkemmer M, Bell KR, Dahdah M, Nakase-Richardson R. American Academy of Sleep Medicine Versus CMS Criteria for Obstructive Sleep Apnea in Acute TBI. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Ropacki S, Nakase-Richardson R, Farrell-Carnahan L, Lamberty G, Tang X. Descriptive Findings of the VA Polytrauma Rehabilitation Centers TBI Model Systems National Database. Poster abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Royer AC, Silva MA, Finn J, Cotner B, Nakase-Richardson R. Rehabilitation Needs in Veterans and Service Members 1-Year After Traumatic Brain Injury. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Siva MA, Belanger HG, Tang X, Dams-O'Connor K, McKenzie-Hartman T, Nakase-Richardson R. Prevalence and predictors of tobacco smoking 1-2 years after rehabilitation for traumatic brain injury. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Silva MA, Brennan E, Schwartz DJ, Zeitzer JM, Nakase-Richardson R. Feasibility of actigraphy and validity in measuring sleep during rehabilitation for traumatic brain injury. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Silva MA, Schwartz DJ, Modarres M, O'Connor D, Calero J, Anderson W, Nakase-Richardson R. Sleep architecture is disrupted in acquired brain injury rehabilitation inpatients with and without sleep apnea. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

Stevens LF, Singh M. Stakeholder Feedback on a family intervention for the VA's Polytrauma System of Care. Oral abstract submitted to 4th Federal Interagency Conference on TBI; June 2018; Washington, DC.

SLEEP 2018, the 32nd Annual Meeting of the Associated Professional Sleep Societies

Symposia

Bell KR, Lequerica A, Nakase-Richardson R, Coulter J, Coulter J. Advancing Sleep Research in Moderate to Severe TBI: Three Multi-Center Studies Within the TBI Model System Program of Research. Symposium abstract submitted to SLEEP 2018, the 32nd Annual Meeting of the Associated Professional Sleep Societies; June 2018; Baltimore, MD.

Oral and Poster Presentations

Ricketti P, Schwartz DJ, Calero K, Anderson W, Diaz-Sein C, Rechkemmer M, Bell KR, Dahdah M, Merfeld A, Nakase-Richardson R. A Multicenter Study Examining Two Scoring Algorithms for Diagnosis of Obstructive Sleep Apnea (OSA) in an Acute Neurorehabilitation Population with Traumatic Brain Injury (TBI). Oral abstract submitted to SLEEP 2018, the 32nd Annual Meeting of the Associated Professional Sleep Societies; June 2018; Baltimore, MD.

Western Michigan Brain Injury Network Symposium

Nakase-Richardson R. Informing the long-term needs of Veterans and Service Members with TBI. Invited oral presentation to the Western Michigan Brain Injury Network Symposium; April 2018; Grand Rapids, MI.

Completed Presentations

2018 Brain Injury Summit

Symposia

Nakase-Richardson R. Evidence-informed approaches to sleep dysfunction following traumatic brain injury. Invited oral presentation for the Brain Injury Summit 2018 sponsored by Craig Hospital; January 2018; Vail, CO.

Nakase-Richardson R. Sleep apnea and TBI: Pearls of diagnosis and clinical management. Invited oral presentation for the Brain Injury Summit 2018 sponsored by Craig Hospital; January 2018; Vail, CO.

Nakase-Richardson R. & Makley M. Developing a sleep-centric brain injury rehabilitation unit: Practical use of actigraphy. Invited oral presentation for the Brain Injury Summit 2018 sponsored by Craig Hospital; January 2018; Vail, CO.

Posters/Papers

Brown RM, Nakase-Richardson R, Tang X, Silva MA, Larosa K, McKenzie-Hartman T, Schwartz D, Modarres M. Exploring the association between sleep and BMI in veterans with traumatic brain injury. Poster accepted for the Brain Injury Summit 2018 sponsored by Craig Hospital; January 2018; Vail, CO.

University of Pittsburgh Medical Center Brain Injury Conference

Nakase-Richardson R. Sleep and traumatic brain injury. Invited oral presentation to the University of Pittsburgh Medical Center Brain Injury Conference; November 2017; Pittsburgh, PA.

2017 American Congress of Rehabilitation Medicine Conference

Symposia / Instructional Courses

Graham J, Middleton A, Nakase-Richardson R, Mallinson T, Beneciuk J, Roberts P, Leland N, Karmarkar A, Kumar A, Reistetter TA, Mroz TM, Hong I, Massengale J, Dismuke CE, Downer B. Health services research efforts within the ACRM: Parts I, II, & III. Symposia presented at the American Congress of Rehabilitation Medicine Conference; October 2017; Atlanta, GA.

Nakase-Richardson R, Bushnik T, Hoffman J. Advancing sleep research: Three multi-center studies within the TBI Model System Program. Symposium presented at the American Congress of Rehabilitation Medicine Conference; October 2017; Atlanta, GA.

Nakase-Richardson R, Modarres M, Fogelberg D, Travis-Seidl J. Measurement of sleep in neurorehabilitation: The role of actigraphy. Symposium presented at the American Congress of Rehabilitation Medicine Conference; October 2017; Atlanta, GA.

Nakase-Richardson R, Schwartz D, Calero K, Modarres M, Bell K, Monden K. Improving recognition and treatment of sleep apnea in the rehabilitation setting to improve outcome. Instructional course presented at the American Congress of Rehabilitation Medicine Conference; October 2017; Atlanta, GA.

Hart T, Dams-O'Connor K, Hammond F, Nakase-Richardson R, Corrigan J. Traumatic brain injury as a chronic health condition: Long-term functional change and associated comorbidities. Symposium presented at the American Congress of Rehabilitation Medicine Conference; October 2017; Atlanta, GA.

Posters/Papers

Brown RM, Nakase-Richardson R, Tang X, Silva MA, Larosa K, McKenzie-Hartman T, Schwartz D, Modarres M. Exploring the association between sleep and BMI in veterans with traumatic brain injury. *Arch Phys Med Rehabil*; 98(10), e67. doi: [10.1016/j.apmr.2017.08.286](https://doi.org/10.1016/j.apmr.2017.08.286). Poster presented at the American Congress for Rehabilitation Medicine (ACRM); October 2017; Atlanta, GA. **(AWARDED THE 2017 BRAIN INJURY ISIG EARLY CAREER BEST POSTER AWARD)**

Cool D, Schwartz D, Calero K, Nakase-Richardson R, LaRosa K, Silva M. PAP Adherence in a VA TBI Model Systems Cohort: A feasibility study. *Arch Phys Med Rehabil*; 98(10), e90. doi: [10.1016/j.apmr.2017.08.211](https://doi.org/10.1016/j.apmr.2017.08.211). Poster presented at the American Congress for Rehabilitation Medicine (ACRM); October 2017; Atlanta, GA.

Cotner BA, Carlozzi NE, Lange R, French L, O'Connor DR, Nakase-Richardson R, Brickell T. Quality of sleep in caregivers of service members and Veterans with traumatic brain injury. *Arch Phys Med Rehabil*; 98(10), e97–e98. doi: [10.1016/j.apmr.2017.08.314](https://doi.org/10.1016/j.apmr.2017.08.314) Poster presented at the American Congress for Rehabilitation Medicine (ACRM), October 2017; Atlanta, GA.

(AWARDED THE 2017 MILITARY AND VETERAN AFFAIRS NETWORKING GROUP EARLY CAREER BEST POSTER AWARD)

2017 American Academy of Physical Medicine and Rehabilitation

Kothari S, Nakase-Richardson R, Whyte J. Improving care for persons with disorders of consciousness (DOC): An introduction to minimal competency recommendations for DOC programs. Symposium presented at the 2017 American Academy of Physical and Medicine Rehabilitation Annual Assembly; October 2017; Denver, CO.

2017 Current Concepts in Sleep and Epilepsy Conference

Nakase-Richardson R. Traumatic brain injury and sleep. Invited oral presentation at the Current Concepts in Sleep Conference; September 2017; Clearwater, FL.

**Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury
2017 Summit**

Nakase-Richardson R, French LM. Long-term impact of traumatic brain injury: The 15-year longitudinal TBI Studies and IMAP study. Oral presentation at the Defense Centers of Excellence for Psychological Health and Traumatic Brain Injury 2017 Summit; September 2017; Silver Spring, MD.

2017 Military Health System Research Symposium

Bailey EK, Nakase-Richardson R, Patel N, Dillahun-Aspillaga C, Ropacki SA, Sander AM, Stevens L, Tang X. Supervision needs following Veteran and Service Member moderate to severe traumatic brain injury: A VA TBI Model Systems study. Poster presented at the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

Brown RM, Nakase-Richardson R, Tang X, Dreer L, Driver S, Johnson-Greene D, LaRosa K, Martin AM, McKenzie-Hartman T, Pugh MJ, Scott S, Shea T, Sheng T, Silva M. Incidence, trajectory, and predictors of obesity in Veterans and Service Members with TBI: A VA TBI Model Systems study. Poster presented at the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

Cotner BA, Dillahun-Aspillaga C, Pugh MJ, Silva MA, Haskin AA, Tang X, Saylor M, Nakase-Richardson R. Employment stability in Veterans and Service Members with TBI. Poster presented at for the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

Dreer LE, Tang X, Nakase-Richardson R, Pugh MJ, Cox MK, Bailey E, Finn J, Zafonte R, Gowen MS, Brenner LA. Suicide-related ideation and attempts at 1-year post traumatic brain injury (TBI): A VA TBI Model Systems study. Poster presented at the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

Nakase-Richardson R, Schwartz D, Calero K, Magalang U, Bogner J, Whyte J, Watanabe T, Hoffman J, Fann J, Dahdah M, Bell K, Ketchum J, Gerber D, Monden K, Harrison-Felix C, Modarres M, Zeitzer J, Scholten J, Grammer G, Coulter J, Coulter J, Kieffer K, Martin K, Montemayor-Wong C, Picon L, Pieragowski A, Scott S, Massengale J. Comparative effectiveness of sleep apnea screening and diagnostic tools in TBI: An interagency collaboration

funded by the Patient Centered Outcomes Research Institute (PCORI). Poster presented at the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

Nakase-Richardson R, Stevens LF, Tang X, Lamberty GJ, Sherer M, Walker W, Pugh MJ, Eapen BC, Finn JA, Dillahun-Aspillaga C, Adams RS, Garafano JS. Do civilian epidemiologic studies inform military TBI epidemiology? A comparison of the VA and NIDILRR TBI Model System cohorts. Oral presentation at the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

Stevens LF, Lapis Y, Tang X, Sander AM, Dreer LE, Hammond FM, Kreutzer J, O'Neil-Pirozzi TM, Nakase-Richardson R. Relationship stability after traumatic brain injury among Veterans and Service Members: A VA TBI Model Systems study. Poster presented at the 2017 Military Health System Research Symposium; August 2017; Kissimmee, FL.

SLEEP 2017, the 31st Annual Meeting of the Associated Professional Sleep Societies

Oral and Poster Presentations & Published Abstracts

Nakase-Richardson R, Healey E, Silva M, Schwartz D, Modarres M, Brown R, Lim M. Sleep Apnea Severity is associated with Motor Recovery and Processing Speed in Acute TBI Rehabilitation Admissions: A VA TBI Model System Study. *SLEEP*. 2017; 40(suppl_1): A222. Oral presentation and poster presented at SLEEP 2017, the 31st Annual Meeting of the Associated Professional Sleep Societies; June 2017; Boston, MA.

Silva M, Nakase-Richardson R, Smith NDW, Schwartz D, Anderson W, Calero K. Sleep Stages, Total Sleep Time, and Arousals in Acquired Brain Injury Rehabilitation Patients with and without Sleep Apnea. *SLEEP*. 2017; 40(suppl_1): A226-A227. Poster presented at SLEEP 2017, the 31st Annual Meeting of the Associated Professional Sleep Societies; June 2017; Boston, MA.

2017 Veterans Health Administration Annual Research Day

Bailey EK, Richardson RN, Barnett S, Dillahun-Aspillaga C, Pugh MJ, Ropacki SA, Stevens L. Supervision needs following moderate to severe Veteran and Service Member Traumatic Brain Injury: A VA TBIMS Study. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2017; Tampa, FL.

Brown RM, Nakase-Richardson R, Tang X, Dreer L, Driver S, Johnson-Greene D, LaRosa K, Martin AM, McKenzie-Hartman T, Pugh MJ, Scott S, Shea T, Sheng T, Silva M. Incidence, trajectory, and predictors of obesity in Veterans and Service Members with TBI: A VA TBI Model Systems study. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2017; Tampa, FL.

Dillahun-Aspillaga C, Nakase-Richardson R, Hart T, Powell-Cope G, Dreer LE, Eapen BC, Barnett SD, Mellick DA, Haskin A, Silva MA. Predictors of employment outcomes in veterans with traumatic brain injury: A VA traumatic brain injury model system study. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2017; Tampa, FL.

Finn JA, Lamberty GJ, Stevens L, Kretzmer T, Brenner L. Post-rehabilitation mental health treatment-seeking in veterans with traumatic brain injury: A VA TBI Model Systems study. Poster presented at The Annual James A. Haley Veterans' Hospital Research Day; May 2017; Tampa, FL.

Nakase-Richardson R. Comparison of Sleep Apnea Assessment Strategies to Maximize TBI Rehabilitation Participation and Outcome (C-SAS). Oral presentation at The Annual James A. Haley Veterans' Hospital Research Day; May 2017; Tampa, FL.

Silva MA, Nakase-Richardson R, Smith NDW, Schwartz DJ, Modarres M, Anderson W, Calero K. Sleep Architecture in Acquired Brain Injury Rehabilitation Patients with Mild, Moderate and Severe Sleep Apnea. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2017; Tampa, FL.

2017 World Congress on Brain Injury

Invited Symposium

Nakase-Richardson R, Hammond F, Kowalski R, Katz D. Extending our Knowledge of the Long-Term Outcomes of Disorders of Consciousness. Invited Symposium at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Instructional Course

Nakase-Richardson R, Giacino J, Whyte J, Katz D, Rosenbaum A, Hammond F. Minimal Competency Recommendations for Disorder of Consciousness Rehabilitation. Instructional Course presented at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Presentations & Published Abstracts

Brickell TA, Lange RT, French LM, Cotner BA, O'Connor DR, Nakase-Richardson R & Carlozzi NE. The Influence of Traumatic Brain Injury Severity on Health-Related Quality of Life in Caregivers of a Service Member or Veteran with Traumatic Brain Injury. *Brain Injury*. 2017; 31(6-7): 863-864. Poster presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Brown RM, Nakase-Richardson R, Tang X, Dreer L, Driver S, Johnson-Greene D, Martin AM, McKenzie-Hartman T, Pugh MJ, Scott S, Shea T, Sheng T, Silva MA. Incidence and trajectory of obesity in Veterans and Service Members with TBI: A VA TBI Model System Study. *Brain Injury*. 2017; 31(6-7): 740-741. Oral presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Dillahunt-Aspillaga C, Cotner BA, Haskin A, Pugh MJ, Silva M, Tang X, Patel N, Nakase-Richardson R. Employment stability in veterans and service members with traumatic brain injury: A VA traumatic brain injury model system study. *Brain Injury*. 2017; 31(6-7): 790. Oral presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Dillahunt-Aspillaga C, Silva M, Hart T, Powell-Cope G, Dreer L, Eapen B, Barnett S, Mellick D, Haskin A, Nakase-Richardson R. Competitive employment outcomes in veterans with traumatic brain injury: A VA traumatic brain injury model system study. *Brain Injury*. 2017; 31(6-7): 793-794. Oral presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Dreer LE, Tang X, Nakase-Richardson R, Pugh MJ, Cox MK, Bailey E, Finn J, Zafonte R, Gowen MS, Brenner LA. Relationship of Mental Healthcare Utilization and Suicidal Behaviors and Ideation at 1-Year Post Traumatic Brain Injury (TBI): A VA TBI Model Systems Study (VA TBIMS). *Brain Injury*. 2017; 31(6-7):1008. Poster presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; March 31, 2017; New Orleans, LA.

Nakase-Richardson R, Stevens LF, Tang X, Saylor ME, Finn JA, Lamberty GJ, Pugh MJ, Eapen BC, Sherer M, Haskin A, Walker W, Dillahun-Aspillaga C, Garofano JS, Drasher-Phillips L, Dreer L, Adams R. Implications of Key Differences in Military and Civilian TBI Cohorts Admitted for Inpatient Rehabilitation: A VA and NIDILRR TBI Model System Study. *Brain Injury*. 2017; 31(6-7):855-856. Oral presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

Silva MA, Nakase-Richardson R, Smith NDW, Schwartz DJ, Modarres M, Anderson W, Calero K. Sleep Architecture in Acquired Brain Injury Rehabilitation Patients with Mild, Moderate and Severe Sleep Apnea. *Brain Injury*. 2017; 31(6-7): 836-837. Poster presentation at the International Brain Injury Association's 12th World Congress on Brain Injury; April 2017; New Orleans, LA.

APA Division 22 2017 Rehabilitation Psychology Annual Conference,

Healey E, Nakase-Richardson R, Schwartz D, Garafano J, Silva M. Relationship of Sleep Apnea Severity and Outcome: A VA TBI Model System Study. Poster presented at: APA Division 22 2017 Rehabilitation Psychology Annual Conference; February 2017; Albuquerque, NM.

10/2016 American Congress of Rehabilitation Medicine

Symposia / Instructional Courses

Stevens, L, Cotner, BA, Bailey EK, Sander A, Dillahun-Aspillaga C. Brain Injury Caregiving and Family Needs. Symposia presentation at the American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL.

Wallace T, Morris J, Gore R, and Nakase-Richardson R. Novel Applications of Technology for Brain Injury Rehabilitation of Military Service Members. Symposia presentation at the American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL.

Johnson S, Carter C, Shapiro A, Nakase-Richardson R, Obrien K. Disorders of Consciousness Family Education Materials: Information, Gaps, and Dissemination. Symposia presentation at the American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL.

Posters & Published Abstracts

Cotner BA, Carlozzi NE, Lange R, French L, O'Connor DR, Nakase-Richardson R, Brickell T. Influence of comorbidities of TBI on caregivers' quality of life: Case examples. *Arch Phys Med Rehabil*. 2016; 97(10): e90. Poster presentation at: American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL.

Gause LR, Finn JA, Lamberty GJ, Tang X, Stevens LF, Eapen BC, Nakase-Richardson, R. Satisfaction with Life after Traumatic Brain Injury: A VA TBI Model Systems Study. *Arch Phys Med Rehabil.* 2016; 97(10): e130. Poster presentation at: American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL. **(AWARDED THE 2016 MILITARY AND VETERAN NETWORKING GROUP OVERALL BEST POSTER AWARD)**

Nakase-Richardson R, Haskin A, Lynn C, Silva M, Finn J, Ropacki S, Jung C, Cotner B, Stevens L, Amos T, Crocker J. Development of the TBI Rehabilitation Needs Survey for Veterans and Service Members in Post-Acute Stages of TBI. *Arch Phys Med Rehabil.* 2016; 97(10): e127-218. Poster presentation at: American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL.

Silva MA, McKenzie Hartmann T, Belanger HG, Tang X, Dams-O'Connor K, Nakase-Richardson R. Prevalence and Predictors of Tobacco Smoking 1-year After Traumatic Brain Injury: A VA TBI Model Systems study. *Arch Phys Med Rehabil.* 2016; 97(10): e119. Poster presentation at: American Congress of Rehabilitation Medicine Conference; October 2016; Chicago IL. **(AWARDED THE 2016 MILITARY AND VETERAN NETWORKING GROUP EARLY CAREER BEST POSTER AWARD)**

2016 Military Health System Research Symposium

Poster & Published Abstract

Silva MA, McKenzie-Hartmann T, Belanger H, Drasher-Phillips LM, Nakase-Richardson R. Pre-injury PTSD predicts Tobacco Smoking after Traumatic Brain Injury: A VA TBI Model Systems Study. Poster presentation at: 2016 Military Health System Research Symposium; August 2016; Orlando, FL.

08/2016 American Psychological Association Convention

Oral Presentation & Published Abstract

Bailey EK, Richardson RN, Barnett S, Dillahun-Aspillaga C, Pugh MJ, Ropacki SA, Stevens, L. Supervision Needs Following Veteran and Service Member Traumatic Brain Injury: A VA TBIMS Study. *Clin Neuropsychol.* 2016; 30(5): 755-756. Oral presentation at: 2016 American Psychological Association Convention; August 2016; Denver, CO. **(AWARDED THE BLUE RIBBON AWARD FOR BEST SUBMISSION).**

06/2016 The Annual Conference of the American Academy of Clinical Neuropsychology

Poster & Published Abstract

McKenzie T, Silva MA. Exercise and Cognitive Functioning Following TBI: Findings from the VA Traumatic Brain Injury Model Systems (VA TBIMS). *Clin Neuropsychol.* 2016; 30(5): 695-805. doi: 10.1080/13854046.2016.1194480. Poster presentation at: The Annual Conference of the American Academy of Clinical Neuropsychology; June 2016; Chicago, IL.

1st Iberoamerican Congress of Neuropsychology

Stevens LF. El traumatismo craneoencefálico en veteranos y miembros del servicio militar de los Estados Unidos: Enfoque en el "Model Systems." Paper presented at: 1st Iberoamerican Congress of Neuropsychology; June 2016; Bilbao, Spain.

2016 Veterans Health Administration Annual Research Day

Crocker JL, Finn JA, Lamberty GL. VA Traumatic Brain Injury Model System of Research: 2016 Update. Poster presented at: The Annual Minneapolis VA Research Day; May 2016; Minneapolis, MN.

Holcomb E, Schwartz D, McCarthy M, Thomas B, Barnett S, Nakase-Richardson R. Incidence, Characterization, and Predictors of Sleep Apnea in Consecutive Brain Injury Rehabilitation Admissions. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

Kamper JE, Garofano J, Schwartz DJ, Silva MA, Zeitzer J, Modarres M, Barnett S, Nakase-Richardson R. Concordance of Actigraphy with Polysomnography in Traumatic Brain Injury Neurorehabilitation Admissions. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

Gause LR, Finn JA, Lamberty GJ, Tang X, Stevens LF, Eapen BC, Nakase-Richardson R. Satisfaction with Life after Traumatic Brain Injury: A VA TBI Model Systems Study. Poster presented at: The Annual Minneapolis VA Research Day; May 2016; Minneapolis, MN.

Lynn C, Nakase-Richardson R, Silva MA, Haskin AC, Cotner BA, Finn J. Development of the TBI Rehabilitation Needs Survey for Veterans and Service Members in Chronic Stages of TBI. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

McGarity S, Barnett S, Lamberty G, Kretzmer T, Powell-Cope G, Patel N, Nakase-Richardson R. Community Reintegration Problems among Veterans and Active Duty Service Members with Traumatic Brain Injury. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

Silva MA, Drasher-Phillips LM, Haskin AC, Scott SG, Nakase-Richardson R. VA Traumatic Brain Injury (TBI) Model Systems of Research: 2016 Update. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

Silva MA, McKenzie-Hartman T, Belanger HG, Tang X, Dams-O'Connor K, Nakase-Richardson R. Prevalence and predictors of tobacco smoking in VA TBIMS. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

Stevens LF, Amos T, Satariano A, Chaplin J. Traumatic Brain Injury (TBI) Model System of Research: 2016 Update. Poster presented at: The Hunter Holmes McGuire VAMC Annual Research Day Luncheon; April 2016; Richmond, VA.

Towns S, Garofano J, Kamper J, Holcomb E, Silva M, Schwartz DJ, Zeitzer J, Nakase-Richardson R. Feasibility of Actigraphy in Acute TBI Neurorehabilitation Admissions: A VA TBI Model System Study. Poster presented at: The Annual James A. Haley Veterans' Hospital Research Day; May 2016; Tampa, FL.

2016 North American Brain Injury Society's 13th Annual Conference on Brain Injury

Poster & Published Abstract

Garofano J, Nakase-Richardson R, Evans C, Barnett S, Yablon S. Phenomenology of delirium after traumatic brain injury among adolescents and young adults. *J Head Trauma Rehabil.* (abstract), in press. Poster presentation at: North American Brain Injury Society's 13th Annual Conference on Brain Injury; April 2016; Tampa, FL.

Invited Presentations

Nakase-Richardson R. The use of objective technologies in sleep medicine after TBI. Symposia presentation at: North American Brain Injury Society's 13th Annual Conference on Brain Injury; April 2016; Tampa, FL.

Weintraub A (moderator), Arciniegas D, Malec J, Nakase-Richardson R, Seaton D, Ziejewski M. Severe traumatic brain injury TBI: Case presentations and panel discussion. Presentation to: North American Brain Injury Society's 13th Annual Conference on Brain Injury; April 2016; Tampa, FL.

2016 Military Health System Speaker Series

Nakase-Richardson R. Outcome and Rehabilitation of Severe TBI. Invited presentation to the Military Health System Speaker Series; March, 2016.

2016 International Brain Injury Association

Invited Symposia & Instructional Courses

Hinds S, Helmick K, Brickell, T, French L, Lange R, Nakase-Richardson R. Defense and Veterans Brain Injury Center (DVBIC) Longitudinal research on traumatic brain injury (TBI) in military service members and veterans. Symposium presentation at: 2016 (February) International Brain Injury Association Meeting, The Hague, Netherlands.

Schnakers C, Nakase-Richardson R (Moderators), Monti M, Giacino J, Laureys S, Whyte J. Disorders of Consciousness I. PreConference course at: 2016 (February) International Brain Injury Association Meeting, The Hague, Netherlands.

Schnakers C, Nakase-Richardson R (Moderators), Thibault A, Fins J, Giacino J. Disorders of Consciousness II. PreConference course at: 2016 (February) International Brain Injury Association Meeting, The Hague, Netherlands.

Schnakers C (Organizer), Chatelle C, Nakase-Richardson R, Lavrijsen J. Disorder of Consciousness SIG. Invited symposium at: 2016 (February) International Brain Injury Association Meeting, The Hague, Netherlands.

Nakase-Richardson R (Moderator), Whyte J, Katz D, Giacino J, Arciniegas D. Disorder of Consciousness SIG Evening Session to Introduce Minimal Competency Guidelines for Rehabilitation of Disorders of Consciousness. Invited session at: 2016 (February) International Brain Injury Association Meeting, The Hague, Netherlands.

Holcomb E, Schwartz D, McCarthy M, Thomas B, Nakase-Richardson R. Incidence, Characterization, and Predictors of Sleep Apnea in Consecutive Brain Injury Rehabilitation Admissions. Oral presentation at: 2016 (February) International Brain Injury Association Meeting, The Hague, Netherlands.

2016 Association of Academic Physiatrists Annual Conference

Posters

Holcomb EM, Schwartz DJ, McCarthy M, Thomas B, Barnett S, Nakase-Richardson R. Incidence, characterization, and predictors of sleep apnea in a consecutive sample of acute brain injury rehabilitation admissions. Poster presented to: the 2016 Association of Academic Physiatrists Annual Conference; February 2016; Sacramento, CA.

Kamper JE, Garafano J, Schwartz D, Silva MA, Zeitzer J, Modarres M, Thomas B, Nakase-Richardson R. The concordance of actigraphy with polysomnography in TBI neurorehabilitation admissions. Poster presented to: 2016 Association of Academic Physiatrists Annual Conference; February 2016; Sacramento, CA.

2015 American Congress of Rehabilitation Medicine 92nd Annual Conference

Posters & Published Abstracts

Burns KM, Garafano J, Schwartz D, Silva MA, Nakase-Richardson R. Self-reported sleepiness and relationship to objective sleep quality measures using actigraphy in acute TBI. *Arch Phys Med Rehabil.* 2015; 96: e64. Poster presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX. **(MILITARY AND VETERAN NETWORKING GROUP EARLY CAREER POSTER AWARD)**

Haskin AC, Dillahun-Aspillaga C, Silva MA, Schmitt M, Pugh MJ, Nakase-Richardson R. Employment stability in veterans and service members with TBI: A VA TBI Model Systems Study. *Arch Phys Med Rehabil.* 2015; 96: e20-21. Poster presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Massengale J, Nakase-Richardson R. Impact of sleep-promotion education on knowledge and attitude on nurses in brain injury and spinal cord injury inpatient programming. *Arch Phys Med Rehabil.* 2015; 96: e39. Poster presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Silva MA, Haskin AC, Schwartz D, Nakase-Richardson R. Unexpected improvement following initiation of sleep apnea treatment in the post-acute stage of recovery from primarily anoxic brain injury and minimally conscious state. *Arch Phys Med Rehabil.* 2015;96:e28. Poster presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Silva MA, Martinez KM, Schmitt MM, Lynn CA, Dillahun-Aspillaga C, Garafano JS, Nakase-Richardson R. VA TBIMS study of mental health and functional characteristics of military/veterans returning to school. *Arch Phys Med Rehabil.* 2015; 96:e21. Poster presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Tran J, Nakase-Richardson R, Pugh MJ, Schmitt M. Deployment-related rehospitalizations following TBI: A VA TBI Model System Study. *Arch Phys Med Rehabil.* 2015; 96: e35. Poster presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Symposia & Instructional Courses

Dillahunt-Aspillaga C, Ottomanelli L, Schmitt M. Community Reintegration of Veterans with TBI: Implications for Practice. Symposium presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Kean J, Nakase-Richardson R, Brenner L, Bahraini N, Dams-O'Connor K, Hammond F. Rehospitalization following brain injury in veterans: perspectives from the VA and the private sector. Symposium presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Nakase-Richardson R, Holcomb E, Kamper JE, Silva M. Measurement and treatment of sleep disorders with unexpected outcomes in veterans with severe brain injury. Symposium presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

Nakase-Richardson R, Whyte J, Giacino JT, Katz DI, Greenwald BD, Sherer M, Weintraub A, Zafonte RD, Hammond F, Arciniegas D, Kothari S. Building capacity in the assessment, treatment, and ethical management in severe TBI. Instructional course presented at: American Congress of Rehabilitation Medicine 92nd Annual Conference; October 2015; Dallas, TX.

16th Annual Current Concepts in Sleep Conference

Schwartz DJ, Nakase-Richardson R. Traumatic Brain Injury and Sleep. Presented at: the 16th Annual Current Concepts in Sleep Conference; September 2015; St. Petersburg, FL.

2015 The Military Health System Research Symposium

Belanger H, Silva MA, McKenzie-Hartman T, Vanderploeg R. Is the Neurobehavioral Symptom Inventory (NSI) a good outcome measure? A Chronic Effects of Neurotrauma Consortium (CENC) and VA TBI Model System Study. Poster presented at: The Military Health System Research Symposium; August 2015; Fort Lauderdale, FL.

Haskin AC, Dillahunt-Aspillaga C, Silva MA, Schmitt M, Pugh MJ, McGarity S, Nakase-Richardson R. Injury and psychological predictors of employment stability in veterans and service members with TBI: A VA TBI Model Systems Study. Poster presented at: The Military Health System Research Symposium; August 2015; Fort Lauderdale, FL.

McKenzie T, Silva MA, Nakase-Richardson R. Description of neuropsychological performance and disability outcomes by severity: findings from the Traumatic Brain Injury Model Systems (TBIMS) and Implications for the chronic effects of neurotrauma consortium (CENC) Study. Poster presented at: The Military Health System Research Symposium; August 2015; Fort Lauderdale, FL.

Nakase-Richardson R, Lamberty G, Silva M, Ropacki S, Pai A, Bidelsbach D, Cifu DX. Feasibility of enrollment and tracking of longitudinal outcomes following TBI: A VA TBI Model System Study. Poster presented at: The Military Health System Research Symposium; August 2015; Fort Lauderdale, FL.

2015 TBI State of the Art Invitational Conference

Nakase-Richardson R, Silva MA, Pugh MJ, Ropacki S, Scott SG, Bidelsbach D, Cifu DX. Feasibility, enrollment, and tracking of longitudinal outcomes following TBI: 2015 VA TBI Model System of Research update highlighting interagency collaboration. Poster presented at: the 2015 TBI State of the Art Invitational Conference; August 2015; Washington, DC.

Holcomb EM, Schwartz DJ, McCarthy M, Thomas B, Barnett S, Nakase-Richardson R. Incidence, characterization, and predictors of sleep apnea in a consecutive sample of acute brain injury rehabilitation admissions. Poster presented at: 2015 TBI State of the Art Invitational Conference; August 2015; Washington, DC.

2015 13th Annual Meeting of the American Academy of Clinical Neuropsychology

Poster & Published Abstract

Belanger HG, Silva MA, Donnell A, Lamberty G, Vanderploeg RD. The concurrent and predictive validity of the Neurobehavioral Symptom Inventory (NSI): A VA Traumatic Brain Injury Model System Study. *Clin Neuropsychol*. 2015; 29(3): 328-329. Poster presented at: the 13th Annual Meeting of the American Academy of Clinical Neuropsychology; June 2015; San Francisco, CA.

2015 James A. Haley Veterans' Hospital 17th Annual Research Day

Haskin AC, Dillahun-Aspillaga C, Silva MA, Schmitt M, Pugh MJ, McGarity S, Nakase-Richardson R. Injury severity and PTSD symptoms predict employment stability in veterans and service members with TBI: A VA Brain Injury Model Systems study. Poster presented at: The James A. Haley Veterans' Hospital 17th Annual Research Day; May 2015; Tampa, FL.

Nakase-Richardson R, Silva MA, Lamberty G, Pugh MJ, Ropacki S, Pai A, Cotner B, Haskin, AC. Improved understanding of medical and psychological needs in veterans and service members with chronic TBI: A VA-TBI Model System sub-study. Poster presented at: James A. Haley Veterans' Hospital 17th Annual Research Day; May 2015; Tampa, FL.

Silva MA, Haskin AC, Schwartz DJ, Nakase-Richardson R. Unexpected improvement following sleep apnea treatment during post-acute recovery from severe brain injury and minimally conscious state. Poster presented at: James A. Haley Veterans' Hospital 17th Annual Research Day; May 2015; Tampa, FL.

Silva MA, Lynn CA, Garofano J, Dillahun-Aspillaga C, Martinez K, Schmitt M, Nakase-Richardson R. Demographic, functional characteristics, and mental health symptoms of active duty military and veterans with TBI returning to school after inpatient rehabilitation: A VA TBI Model System study. Poster presented at: James A. Haley Veterans' Hospital 17th Annual Research Day; May 2015; Tampa, FL.

Silva MA, Lynn CA, Haskin AC, Garofano JS, Martinez KM, Massengale JP, Boyce JM, Scott SG, Nakase-Richardson R. VA Traumatic Brain Injury Model System of Research: 2015 update. Poster presented at: James A. Haley Veterans' Hospital 17th Annual Research Day; May 2015; Tampa, FL.

2015 American Academy of Sleep Medicine

Poster & Published Abstract

Holcomb E, Schwartz DJ, McCarthy M, Geck R, Garafano J, Modarres M, Barnett S, Schwaiger E, Nakase-Richardson R. Incidence of sleep Apnea in Consecutive TBI admissions at a VA Polytrauma Rehabilitation Center. *Sleep*. 2015;38:a169. Poster presented at: The 2015 American Academy of Sleep Medicine; May 2015; Seattle, WA.

2015 Southern Sleep Medicine Society

Holcomb E, Schwartz DJ, McCarthy M, Geck R, Garafano J, Modarres M, Barnett S, Schwaiger E, Nakase-Richardson R. Incidence of Sleep Apnea in Consecutive TBI admissions at a VA Polytrauma Rehabilitation Center. Presented at the: Southern Sleep Medicine Society; April 2015; New Orleans, LA. **(AWARDED THE FOUNDERS AWARD FOR BEST STUDENT-LED PRESENTATION)**

Grand Rounds and Other Presentations

- Nakase-Richardson R, Scholten J. Advances in TBI Care Resulting from VA and TBI Model Systems Collaboration. Cyberseminar presented to: VA Health Services Research and Development. August 17, 2017.
https://www.hsrd.research.va.gov/for_researchers/cyber_seminars/archives/video_archive.cfm?SessionID=2339&Seriesid=73
- Stevens LF. Traumatic Brain Injury Model Systems: Past, Present, and Future. Polytrauma Grand Rounds. McGuire VA Medical Center; July 11, 2017; Richmond, VA.
- Stevens LF. Traumatic Brain Injury Model Systems. Invited in-service for the Mental Health Service at McGuire VA Medical Center; September 7, 2016; Richmond, VA.
- Nakase-Richardson, R. Improving the significance and direction of sleep management after TBI. Invited presentation to VA Polytrauma Grand Rounds, July 2016.
- Sander A, Stevens LF. The Traumatic Brain Injury Model Systems. Oral presentation given to the VA Caregiving Research Special Interest Group teleconference; April 28, 2016.
- Nakase-Richardson R. Syndromes of Impaired Consciousness: Diagnostic Distinctions and Rehabilitation. Webinar presented to: Defense Health Agency's Mental Health Series; March 16, 2016.
- Nakase-Richardson R. Sleep and TBI. Webinar presented to: Journal of Head Trauma and Rehabilitation and Brain Injury Association of America; March 10, 2016.
- Schmitt MM. Traumatic Brain Injury. Presentation at: Randolph Air Force Base Caregiver Summit; January 21, 2016; San Antonio, TX.
- Nakase-Richardson R. Disorders of Consciousness Rehabilitation in VA. TEDMED talk presented at: VA National Polytrauma Conference; May 5, 2015; Washington, DC.
- Nakase-Richardson R. Improved understanding of medical and psychological needs in veterans and service members with chronic TBI. Briefing presented to: DVBIC National Research Committee; April 24, 2015; Washington, DC.

- Nakase-Richardson R. Improved understanding of medical and psychological needs in veterans and service members with chronic TBI. Briefing presented to: National PSC Research Steering Committee; March 31, 2015; Washington, DC.
- Nakase-Richardson R. Improved understanding of medical and psychological needs in veterans and service members with chronic TBI. Briefing presented to: DVBIC Headquarters; March 27, 2015; Washington, DC.

Grant Development (Next Steps for Research):

Funded:

VA RR&D:

Sleep-EEG Predictors of Functional Outcome after TBI. VA RR&D; 1 I21 RX001923-01A1, \$199,925. PI: Mo Modarres, PhD. Co-Investigators: Miranda Lim, MD, Risa Nakase-Richardson, PhD. Project Manager: Stuart Hoffman, PhD.

NIH Subcontract via University of Michigan:

Quality of Life in Caregivers of Traumatic Brain Injury: The TBI-CareQOL. National Institute of Nursing Research; 5R01NR013658-03. \$60,000 contract with TVAREF, 10/1/2016-6/30/2017. PI: Noelle Carlozzi, PhD (University of Michigan Ann Arbor). Tampa Site Investigators: Jill Massengale, DNP, ARNP-C, Risa Nakase-Richardson, PhD.

PCORI:

Comparison of Sleep Apnea Assessment Strategies to Maximize TBI Rehabilitation Participation and Outcome (C-SAS). PI: Risa Nakase-Richardson, PhD, Co-Investigators: Jeanne Hoffman, PhD, Jennifer Bogner, PhD, Don Gerber, PhD, Marie Dah-dah, PhD, Tom Watanabe, MD. Consultants: Kathleen Bell, MD, John Whyte, MD, Jamie Zeitzer, PhD. PCORI.

Submitted:

NIH:

Natural History of Sleep Apnea Following TBI. PIs: Kathleen Bell, MD & Risa Nakase-Richardson, PhD. (R01) [not funded]

The Contribution of Alcohol use after a TBI on Long-term Mental Health Outcomes. PI: Rachel Sayko-Adams, Ph.D. Co-Investigators: John Corrigan, Ph.D., Risa Nakase-Richardson, Ph.D., Xinyu Tang, Ph.D., Gale Whiteneck, Ph.D., Jessica Ketchum, Ph.D., (R21). [not funded]

VA HSR&D:

Coalition Building to Implement Evidenced Based Resource Facilitation and Increase Access to Community Support Services for Veterans with TBI. PI: Tina Dillahun-Aspillaga, PhD.

Effect of Tobacco Use on Cognitive Recovery after Traumatic Brain Injury. PI: Marc Silva, PhD. [not funded]

Department of Defense, Psychological Health/Traumatic Brain Injury Research Program, Complex TBI Rehabilitation Research Award

Prevalence and Effective Treatment Strategies for Complex TBI with Chronic Pain. PIs: Cindy Harrison-Felix, PhD and Risa Richardson, PhD. [not funded]

NIH Center for Large Data Research:

A causal study of tobacco smoking on health outcomes after traumatic brain injury (TBI). PI: Xinyu Tang, PhD. (U. Arkansas). Co-Investigators: Nakase-Richardson R (Tampa VA) Silva M (Tampa VA), Dams-O'Connor K, (Mount Sinai) Hammond F (Indiana University). Consultants: Bogner J. (Ohio State University) . [not funded]

NIH R21:

The association of childhood TBI and substance misuse with TBI rehabilitation outcomes in VA and Civilian TBI Model Systems. PI: Rachel Adams, Ph.D. Co-Investigators: John Corrigan, Ph.D., Risa Nakase-Richardson, Ph.D., Marc Silva, Ph.D. National Institute of Health. [not funded]

Developing a Predictive Algorithm for Mild TBI Recovery Trajectory. PI: Heather Belanger, Ph.D. Co-I: Rodney Vanderploeg, Ph.D., Risa Nakase-Richardson, Ph.D. [not funded]

VA RR&D:

Mediating Effect of Sleep Apnea on Indices of Neurodegeneration (MESA Study). PI: Risa Nakase-Richardson, Ph.D., Co-I: Treven Pickett, Ph.D., Lisa Wilde, Ph.D., et al. VA Rehabilitation Research and Development. [not funded].

Letters of Intent Submitted:**CDMRP (October 2017):**

Mediating Effects of Sleep Apnea (MESA-MR) on Military Readiness After TBI. PI: Risa Richardson, PhD.

CDMRP (August 2016):

Prevalence and Effective Treatment Strategies for Complex TBI with Chronic Pain. PI: Cindy Harrison-Felix, PhD. Co-PI: Risa Nakase-Richardson, PhD. Co-Is and Collaborators: William Walker, MD, Mary Jo Pugh, PhD, Flora Hammond, MD, Wayne Gordon, PhD, Dawn Neumann, PhD, Jennifer Murphy, PhD, Aaron Martin, PhD, Kristen Phillips, PhD, Tamara Bushnik, PhD, Ross Zafonte, DO, Jennifer Bogner, PhD, Elizabeth Felix, PhD, and Simon Driver, PhD.

A Sequential Multiple Assignment Randomized Trial of Problem-Solving Therapy for Chronic Pain in Traumatic Brain Injury. PI: Kathy Bell, MD. Team includes: Drs. Tessa Hart, Simon Driver, Jeanne Hoffman, Risa Richardson, Jesse Fann, Kristin Phillips, Jennifer Murphy, Aaron Martin, Eric Lebel and Marie Davidian.

Military Suicide Research Consortium (April 2016):

RCT of Non-Pharmacological Intervention (Window To Hope) to Decrease Severe Hopelessness and Risk for Suicide in Veterans and Service Members with Moderate to Severe TBI. PI: Lisa Brenner, Ph.D., Co-I: Jeri Forster, PhD; Bridget Matarazzo, PsyD. Jacob Finn, Ph.D., Lillian Stevens, Ph.D., Risa Nakase-Richardson, Ph.D. [not invited]

CDMRP (June 2015):

Sleep Disorders - Consortium for Improving Sleep after Traumatic Brain Injury (**CI-SlepT**). PI: Lisa Brenner, Ph.D., Co-I: Risa Nakase-Richardson, Ph.D., Sean Barnes, Ph.D., Kathleen Bell, M.D., Michael Nadorff, Ph.D. [not invited]